

PLF install registration on Tribe

Specification	PLF Install Registration on Tribe
Target Application	eXo Platform 4.3 (CE/EE)
Owner	Tristan GLENAT
Status	DRAFT - REVIEW - VALIDATED
Resources	BD-2734

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Rationale

As of today, we do not know clearly who downloads eXo PLF. We do have statistics on eXo Download page, some google analytics metrics and Bitnami sends us leads information when they access to our stack page, but this is not very accurate. Moreover, we miss all the developers who simply download the Community Edition in sourceforge directly.

Thus, having a way to track or register all the eXo platform instances information and the people who run them in one single place, could be very useful.

This Specification will describe how we can capture the users information and centralized them on *eXo Tribe* by asking users to register their software installation of eXo Platform.

Welcome screen flow

In order to encourage users to register their installation, the welcome screen flow will be updated depending on the edition, to ask users to register their version from the very start.

Community Edition

Here is the flow for the community edition welcome screens:

```
INFO: Starting ProtocolHandler "ajp-bio-0.0.0.0-26602"
INFO: Server startup in 143443 ms
$ _
```

1

At first tomcat start

2

Sign in and Register

- calls registration service on community
- let user sign up or log in on the fly
- post some local data (version, os, etc...)
- enables 'continue' button

Callback registration success

3

Account Setup

Create your account

Username:

Full name:

Admin Password

Username:

Password:

Continue **Skip**

4
Continue to next screen

ID	Prio	Description
FLOW_CE_1		When a user installs eXo platform community Edition and starts the Tomcat server for the first time, he should see a new welcome screen called : <i>Register your Software</i> (on his default root page localhost:8080)
FLOW_CE_2		The page title should be: <i>Register your Software</i>
FLOW_CE_3		At each server start, this screen must be displayed if the software has not been registered yet
FLOW_CE_4		User have the possibility to skip this registration step 2 times at the maximum
FLOW_CE_5		When the user see the screen for the 3rd times, he is not able to skip anymore and he must register the install
FLOW_CE_6		In case the registration server (eXo Tribe) is not reachable, the user can skip this step even if he skipped 2 times already
FLOW_CE_7		In case of skip or successful register, the user will see the next screen: <i>Account Setup Or Connexion Screen</i> if the account setup has been done already
FLOW_CE_8		It is possible to disable the screen with the following setting: <code>exo.registration.skip</code> (default to false)
FLOW_CE_9		After a successful register, the software registration information is persisted locally
FLOW_CE_9a		Ideally, If the application data are removed, the registration should not be done again
FLOW_CE_9b	P2	The software registration should be related to the current version running, so that, in case of version upgrade, the registration is unset. Users will need to register once again and the first tomcat launch of this new PLF version

Here is the flow for the Enterprise Trial welcome screens:

Terms and Conditions

Master Subscription Agreement

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Etiam finibus erat elit, nec bibendum ligula pretium sed. Quisque interdum, arcu vitae sollicitudin posuere, metus massa varius lacus, ut maximus sapien metus ac ante. Nulla tincidunt ligula malesuada neque elementum, a accumsan justo luctus. Curabitur sed ligula ut nunc sodales varius in in velit. Maecenas interdum velit est, ac ultricies augue gravida feugiat. Nunc in nibh ipsum. Nulla mattis magna non posuere ullamcorper.

Integer cursus ornare sem eget congue neque varius at. Integer

☒ I agree with the terms and conditions

Continue

enterprise trial

ID	Priority	Description
FLOW_EE_1		When a user installs eXo platform EE, he should see the new screen <i>Register your Software</i> right after accepting the <i>term and Conditions Agreement</i>
FLOW_EE_2		While the trial is active, he can skip the screen 2 times max (like for Community Edition)
FLOW_EE_3	P2	While the trial period is over, he cannot skip the screen anymore
FLOW_EE_4		Since <i>term and Conditions Agreement</i> cannot be skipped, the user will see <i>Register your Software</i> directly at the second server start
FLOW_EE_5		If the eXo trial has been unlocked with an official unlock key, we allow the user the skip this screen indefinitely (no more skip limit)
FLOW_EE_6		In case of skip or successful register, the user will see directly the <i>login screen</i> .

New screen UI

Here is the description of the new screen UI :

ID	description
SCREEN_1	The <i>Register your Software</i> screen has the same look than the other welcome screen
SCREEN_2	It should have the following title on the top : <i>Register your Software</i>
SCREEN_3	<p>Then we should see a description text that explains users need to register their install:</p> <div> <p>The eXo Tribe provides support and discussions for eXo Platform users and developers. By registering your installation in the tribe, you will contribute to anonymous statistics published on the tribe website and help improving the product.</p> </div>
SCREEN_4	In the center of the screen, we should see an image representing the action of registering his local product on the remote eXo Tribe server

SCREEN_5	The footer of the screen have 2 buttons: the main cta <i>Register your Software</i> (blue) and <i>Skip</i> (secondary white)
SCREEN_6	A button <i>Continue</i> will also be display in the footer but should be hidden as long as the registration is not done yet. When the software registration succeeds OR if the eXo tribe is not available at the first check, the continue button replaces the two other buttons and take place in the middle
SCREEN_7	The button <i>Skip</i> is visible as long as the user can skip the software registration
SCREEN_8	The button <i>Skip</i> is visible if any connectivity issues is noticed or happen during the process

Software Registration Process

The install registration process of a user having an exo tribe account already:

Register your Software

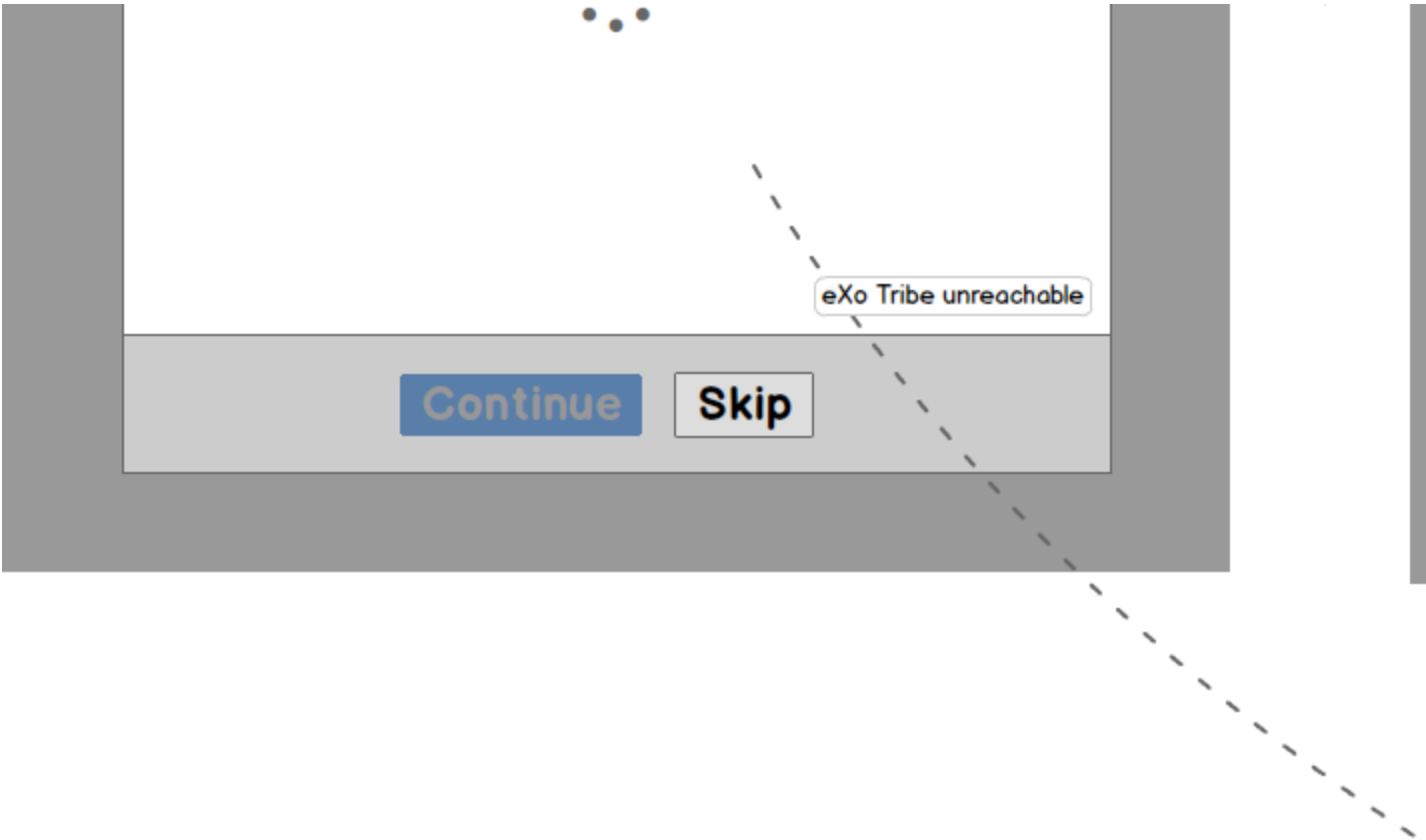
The eXo Tribe provides support and discussions for eXo Platform users and developers. By registering your installation in the tribe, you will contribute to anonymous statistics published on the tribe website and help improving the product.

Sign in to the eXo Tribe:



eXo tribe server ready





ID	location	Description
REG_PROCESS_1	PLF	The first thing to be checked by the welcome screen before displaying the UI is the eXo tribe availability (can be done by checking the http status code when curling the public homepage)
REG_PROCESS_2	PLF	If eXo tribe is not available, an info message should be displayed to inform users that they can skip the current screen. The <i>Continue</i> button will be then enabled.
REG_PROCESS_3	PLF	If eXo tribe service is ready (HTTP 200 code received), the screen UI is displayed
REG_PROCESS_4	PLF	When the user clicks on "Register your software" cta, he is redirected to the eXo tribe login page. He needs to login to continue the registration.
REG_PROCESS_5	Tribe	If he already has an open session on eXo Tribe, he should land directly on the <i>Authorize Register</i> page
REG_PROCESS_6	Tribe	The <i>Authorize Register</i> page is an eXo tribe private page
REG_PROCESS_7	Tribe	The user should see with which account he has just logged in so the profile name and picture should be visible in the top-bar
REG_PROCESS_8	Tribe	The application information will be display in this page: App logo (exo), App url, description.
REG_PROCESS_9	Tribe	Two buttons are available : <i>Authorize</i> (main blue), <i>Cancel</i> (secondary).
REG_PROCESS_10	Tribe	Hitting <i>Authorize</i> button will authorize the local instance server to use this account for registering itself. It should redirect the user to the origin server (localhost, 127.0.0.1 or any other hostname used) with an access token, as a parameter.
REG_PROCESS_11	PLF	Once the access token is received, the PLF server will send a last request to eXo tribe API, passing the platform information data : {localhost:8080}/rest/private/platform/info.
REG_PROCESS_12	Tribe	The lifetime of this access token should be 30 minutes. After that, it will be expired on the Tribe, and cannot be used anymore. The user should see the following error message:
REG_PROCESS_13	PLF	<p>Any error should happen during this last register call, the <i>Register your software</i> screen should be display again and the following error message is rendered under the description:</p> <div> <p>The registration process could not complete. Please try again or contact the [support]</p> </div> <p>(where *support* is linked to http://support.exoplatform.com). In case of error, the skip button will be enable.</p>
REG_PROCESS_14	PLF	<p>If the user intentionally cancels the registration on eXo tribe, the <i>Register your software</i> screen should be display again and the following info message is rendered under the description:</p> <div> <p>The registration process has been cancelled. Please try again or contact the [support]</p> </div> <p>(where *support* is linked to http://support.exoplatform.com). In case of cancel, the skip button will be enable, if and only if the user hasn't skipped it 2 times already.</p>
		When the registration succeeds, the main button will be replaced by the following success message

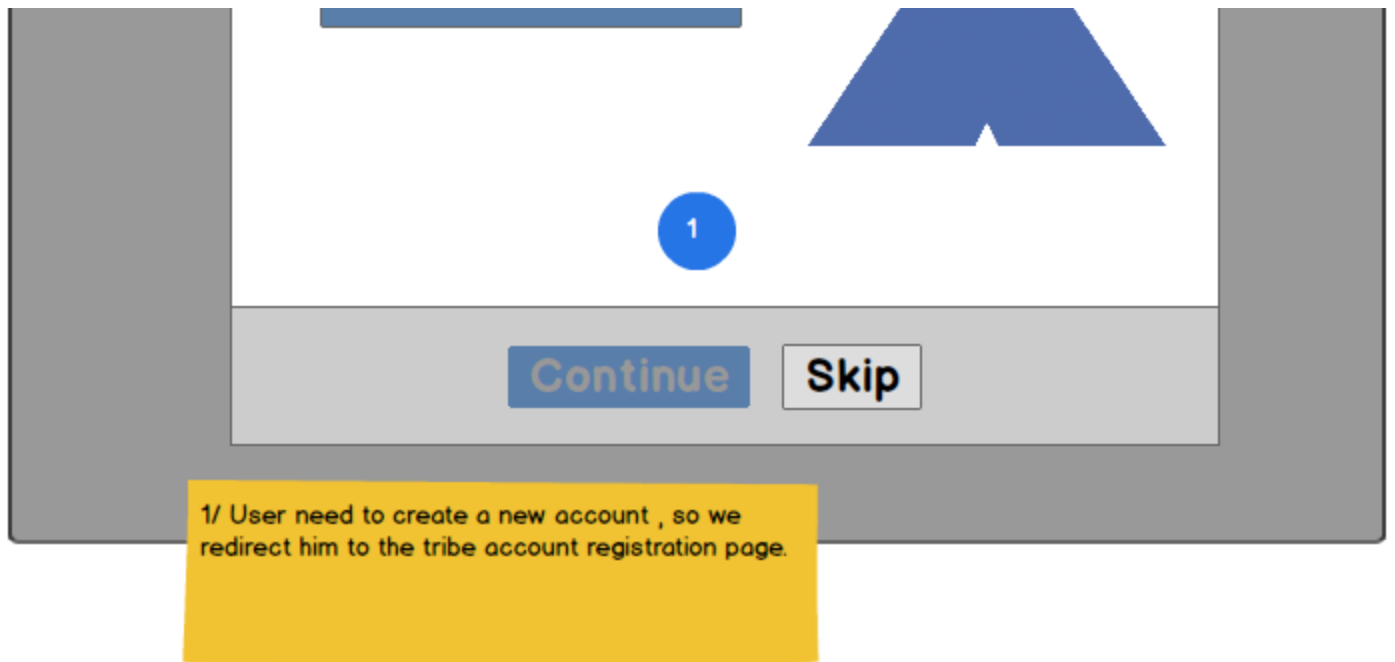
REG_PROCESS_15	PLF	<div>*Thank you!* Your installation has been successfully registered.</div>
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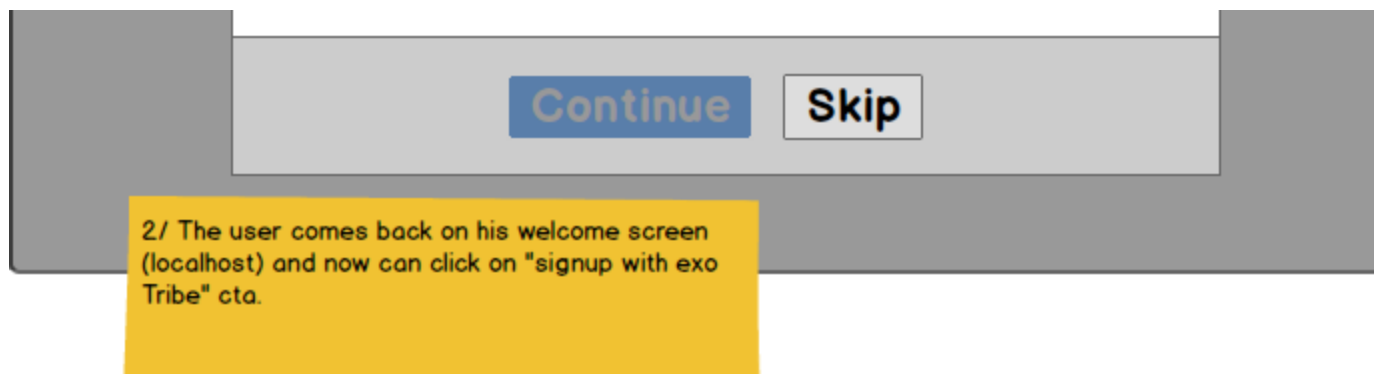
Other use cases

Sign up flow

Here is the software registration flow for users who don't have any eXo tribe account yet:



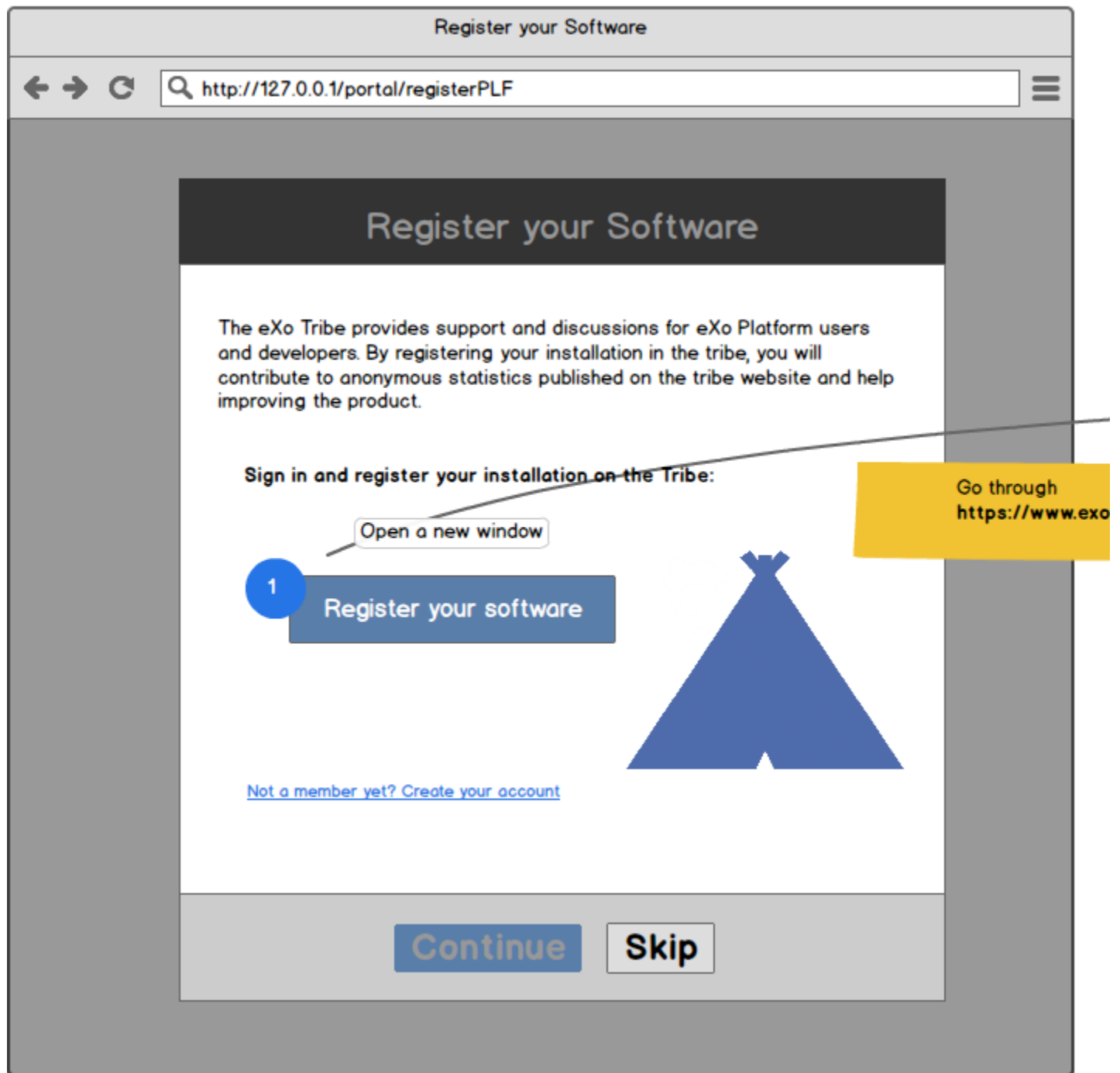




SIGNUP_TRIBE_1	<p>When users does not have any account on eXo tribe, they will first land on the login page, and then, they can sign up by two different ways:</p> <ul style="list-style-type: none"> - Using the classic tribe account creation (Clicking on : "Not a member yet? Register here") - Using social network oauth provider (Clicking on Social media oauth buttons)
SIGNUP_TRIBE_2	<p>A user who create an account via the register page will follow the full signup process of eXo tribe:</p> <ul style="list-style-type: none"> - signup 1/2 : email, password, username - get an email and click on confirmation link - signup 2/2: complete profile information
SIGNUP_TRIBE_3	<p>A user who create an account via one of the oauth provider, will be redirected to:</p> <ul style="list-style-type: none"> - signup 2/2: complete profile information
SIGNUP_TRIBE_4	<p>Once the signup is done, the user is logged on eXo Tribe.</p> <div style="background-color: #f0f0f0; padding: 10px; margin: 10px 0;"> <p>We do not redirect him on the local instance of PLF</p> </div> <p>. In order to finalize the Software registration, he should go back himself to his local PLF page and click again on <i>Register your software</i>. (see REG_PROCESS_1)</p>

Sign in using 3rd party oAuth providers

Here is the software registration flow for users who only use 3rd party social network login:



SIGNIN_SOC_1	When clicking on one of the oauth provider 3 buttons (google,fb,linkedin), on new window tab should be open on eXo tribe.
SIGNIN_SOC_2	If the user does not have any active session on eXo Tribe, he should be redirected on the provider oauth service url (ex: https://accounts.google.com/o/oauth2/auth?access_type=...etc)
SIGNIN_SOC_3	If not done previously, he will need to authorize eXo Tribe to use his account information
SIGNIN_SOC_4	When the user has authorized eXo tribe on his 3rd party account, he will be redirected on eXo tribe (logged in) and should see directly the <i>Authorize Register</i> page (cf: REG_PROCESS_6)